

**INDUSTRY DAY**  
**14 August 2006**

**Question and Answer Session**

**1.0 Requirements**

**Is it your desire to engage known targets at night or find unknown targets?**

This will be determined with time and will depend on the capabilities of the system. The target might be in previously known location, re-identified and neutralized. We may provide what the target is and a range through which it can be found, but not specify its exact location. The users will define the requirements based on their mission scenarios.

**Requirements for low order – how will environmental conditions be defined?**

Environmental conditions for low order testing during the risk mitigation phase have not been specifically defined. From a formal T&E standpoint, it is likely testing will be held in standard ambient conditions. We recognize that adverse weather/site conditions will differ and that conditions may affect the JLONS performance. Standard ambient conditions are defined as 25 deg C +/- 10 deg C (77deg F +/-18 deg F), with 20-80% relative humidity.

**Will your vehicle packaging study for JLONS be timely so that you can impact the requirements for the Army purchase of the MMPV? If you wait to see what the Army provides the “JLONS Hooks” it could be costly to add later.**

The MMPV vehicle selection will be made by December 2006. It is not feasible for us give requirements at this time. The vehicle integration will come later, we are looking for potential changes that can be made. We are interested in looking at modification alternatives vs. cost trade-offs in the proposals and studies.

**Recently the Marines have identified a need for a Mine Protected Ambush Vehicle (MPAV) that sounds very similar to the Army’s MMPV. Is consideration being given to including the MPAV as a host vehicle for the JLONS?**

Not at this time. However, vehicle requirements change frequently and that is subject to change. If the Marines decide to specify this vehicle as a JLONS prime mover prior to the initiation of the program, we will accommodate the service’s wants.

**Are the performance requirements less for the RC-50 compared to the MMPV in order to achieve a lower weight?**

No. Ideally, we hope to use the same system for both the MMPV and the RC-50 with some integration/configuration deviation between the systems.

**Given the significant differences in size and capabilities between the MMPV and RC-50, is it reasonable to seek a single JLONS that is useable on both platforms?**

Ideally, we want one (1) JLONS system; perhaps it may need to be configured in two (2) different ways in order to integrate with two (2) different vehicles. At the least, we are looking for the same components in both systems, not for 2 separate JLONS.

**Are you planning to pass down low order requirements into the specification or will you be specifying the required system capabilities to support RSP & TTP Development by users i.e. (slew capabilities, power variations, spot size, etc...)?**

Most likely, the requirement will be seen in two ways: a specific requirement that low order is achieved a certain percent of the time, and also capabilities the laser must possess to achieve this low order (power variations, slew, spot size changes, etc.).

Currently, the low order requirement is a 75% reduction in the function as designed blast overpressure for specified munitions. We will not include TTP specifics, i.e. we will not specify the techniques that need to be used to create the low order. The TTPs are separate from the requirements document.

**What do you expect the laser power and beam quality requirements to be?**

Expected power range to be 2 to 5 kilowatts. Beam quality is not expected to be a stated requirement.

**What laser power was used in your low order testing?**

That remains proprietary information.

## **2.0 BAA for JLONS**

**Funding for the BAA was stated as 750K. Is this for all 5 tasks or per task? Is this for both years or per year?**

Individual proposed efforts NTE 2 years and \$750K total. However, we do expect most efforts will likely only take one year to complete.

**How much funding has been allocated for industry contracts for the RMP?**

See above answer.

**Technology Area 5 – Packaging : Will the government accept a “Propriety” packaging report?**

Yes.

**Does the government intend to buy a Laser Ordnance Neutralization System (LONS) as part of the RMP for use in the testing?**

No. The intention is to pay for use of a LONS for testing.

**During the Risk Management Phase (FY06-08) it has been mentioned several times that various studies/analyses are going to be done. Will these be done by Government agencies or will industry be solicited for these efforts?**

If not listed in the BAA, Government is expected to handle, however industry may still supply input if they desire. The efforts listed in the BAA will be supported by Industry.

**May one group submit for more than one task?**

Yes. Groups may submit for more than one task, but we are asking for a separate white paper to be submitted for each task, to be considered separately.

### **3.0 JLONS Program**

**Do you have FY08-FY10 POM for JLONS R&D?**

Funding is projected but subject to change. We will know more once the risk mitigation phase is complete and a RFP is released.

**When do you plan to release a JLONS RFP?**

After the risk mitigation phase has been completed.

**Is there a production unit cost goal or threshold that the JSEOD Program Board has set forth as a requirement to allow JLONS to reach MS-B and proceed forward to development and production?**

There is no specific dollar amount that has been specified as a condition for continuation of the JLONS program. A general goal of the risk mitigation phase is to reduce the overall and per-unit cost of the JLONS if at all possible.

**Is a copy of the JLONS CCD and OPNAV N85 document available?**

No.

**What budget will JLONS fall under?**

Budget Activity 4.

**What is target cost for JLONS production systems and what volume is the basis of the unit cost?**

The purpose of the risk mitigation phase is to reduce costs. We do not have a specific number, but the target cost will be as low as possible. No more than thirty (30) units are anticipated but this number is determined by the service detachments and is subject to change. Spares for upkeep are also to be determined. It will be specified at the beginning of the program.

**What quantities will be required for JLONS production and upkeep?**

See above answer.

#### **4.0 Miscellaneous Questions**

**Data ownership protection – Will company proprietary data be protected by the government (submitted in the proposal)?**

Competition sensitive information will be kept by the government and not distributed to outside entities. We will not post findings that are considered proprietary, however we will use information gathered during testing as a basis for future studies.

**Reference has been made to the “user community”, who is the “user community” for the JLONS?**

The user community is the Explosive Ordnance Disposal community, and consists of the Army EOD, Air Force EOD and Marine Corps EOD for JLONS. We interact with the service detachments located on base.

**Will you post on your website the names and contact information of all of the attendees?**

Yes.

**Any additional questions should be sent to Jessica Maddox:  
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